

Office of Civilian Radioactive Waste Management

Office of Business Management

Summary of Program Financial & Budget Information

As of May 31, 2010

Foreword

The Summary of Program Financial and Budget Information is a compendium of historical and current fiscal year program-level financial and budget information which is intended to provide in one place frequently requested publically available information.

The report utilizes the Program Work Breakdown Structure and the Budget and Reporting System instituted in FY 2005.

The report provides a variety of financial and budget-related data, including the Nuclear Waste Fund status, budget request & Appropriations summaries, as well as information on the program's cost (spending) history. Major sources of data include the I-Manage Data Warehouse (STARS), the Approved Funding Program (AFP), the President's Budget Requests, and the Library of Congress.

Questions or comments regarding the Summary of Program Financial and Budget Information should be directed to Ronald Szatmary, Director of the Office of Business Management at (202) 586-6511

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Nuclear Waste Fund Income Sources and Disbursements¹

Nuclear Waste Fund Income Sources (dollars in thousands)

	Spent Nuclear Fuel Fees			Defense Fees	Treasury Loan				
Fiscal Year	One-Mil Fees ^{2,4}	One-Time Fees ²	Cumulative Fees ²	High-Level Waste Fees ²	Principal (Payment)	Investment Returns ^{3,5}	Total Annual Income	Annual Disbursements ⁶	NWF Balance
1983	74	0	74	0	254	0	327	178	149
1984	330	0	404	0	5	0	334	276	207
1985	367	1,427	2,198	0	-258	-74	1,462	316	1,353
1986	362	6	2,566	0	0	73	441	399	1,395
1987	435	6	3,007	0	0	89	530	469	1,456
1988	498	6	3,511	0	0	165	669	402	1,723
1989	513	6	4,030	0	0	196	715	349	2,089
1990	570	6	4,606	0	0	161	737	337	2,489
1991	594	6	5,206	5	0	241	846	322	3,013
1992	560	6	5,772	8	0	268	842	350	3,505
1993	466	11	6,249	0	0	296	773	294	3,984
1994	418	4	6,671	0	0	210	632	310	4,306
1995	615	0	7,286	0	0	246	861	408	4,759
1996	633	1	7,920	0	0	212	846	209	5,396
1997	596	0	8,516	0	0	471	1,067	159	6,304
1998	600	0	9,116	0	0	743	1,343	211	7,436
1999	662	0	9,778	0	0	106	768	175	8,029
2000	702	0	10,480	0	0	883	1,585	289	9,325
2001	689	0	11,169	0	0	1,243	1,932	199	11,058
2002	712	0	11,881	0	0	1,862	2,574	120	13,512
2003	731	0	12,612	0	0	446	1,177	154	14,535
2004	732	0	13,344	0	0	1,315	2,047	193	16,389
2005	736	0	14,080	0	0	1,178	1,914	324	17,979
2006	752	0	14,832	0	0	542	1,294	192	19,081
2007	754	0	15,586	0	0	794	1,548	236	20,393
2008	763	0	16,349	0	0	1,117	1,880	226	22,047
2009	770		17,119			1,054	1,824	223	23,648
FY10 thru 3/31/2010	378					387	765	101	24,312
Cum-to-date	16,012	1,485	17,497	13	0	14,224	31,733	7,421	24,312
Forecast for End of FY 2010	769	0	17,118	0	0	1,172	1,941	220	25,369

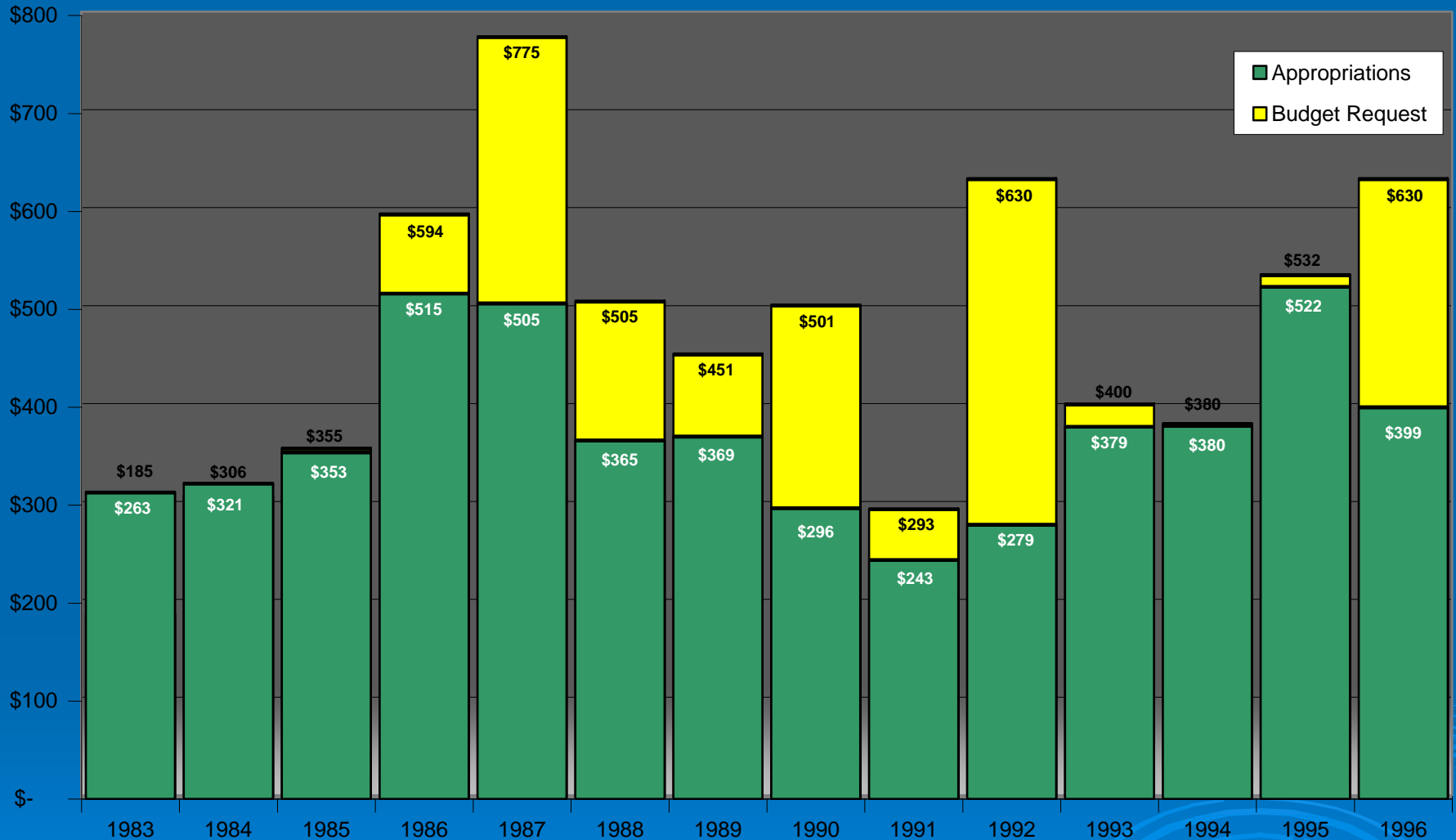
Nuclear Waste Fund Footnotes

- 1.) Values shown are accurate as of the date of publication. Rows may not add due to independent rounding. Receipts and disbursements do not include Defense Nuclear Waste Disposal appropriations because these funds are not derived from the Nuclear Waste Fund. See "Program Appropriations History" beginning on page 7 for amounts appropriated for Defense Nuclear Waste Disposal.
- 2.) Actual Fees from the "NWF Summary of Cash Balances" issued monthly by the DOE Office of Chief Financial Officer.
- 3.) Actual Investment Returns for FY 2005 and prior years include coupon interest receipts; net premiums and discounts paid and received on bills, notes, and bonds; and the annual change in market value of zero coupon bonds. FY 2001 Investment Returns were restated in December 2001 to reflect change in market value of zero coupon bonds. Actual Investment Returns for "FY 09 through 9/30/09" include accrued coupon interest and amortized premiums and discounts of bills, notes and bonds; and amortized interest income based on the effective yield at the time of bond purchase for zero- coupon bonds.
- 4.) Forecast kWh Fee Receipts are based on the latest available Energy Information Administration (EIA) projections.
- 5.) Forecast Investment Returns consist/include anticipated effective yield earnings on all securities from the date of purchase.
- 6.) Forecast Disbursements are based on prior year appropriations, plus prior year Nuclear Regulatory Commission (NRC), Nuclear Waste Technical Review Board (NWTRB), and Nuclear Waste Negotiator (NWN) appropriations. Actual and Forecast disbursements include Program Expenditures, NRC, NWTRB, and NWN appropriations, interest on Treasury loans (FY84 \$3M, FY85 \$5M) and interest refunded to utilities (FY88 \$7M, FY89 \$1M, FY92 \$7M, FY93 \$41M, FY94 \$48M, FY95 \$19M, FY96 \$1M).

Office of Civilian Radioactive Waste Management ORCWM

President's Request versus Congressional Appropriations

(dollars in millions)

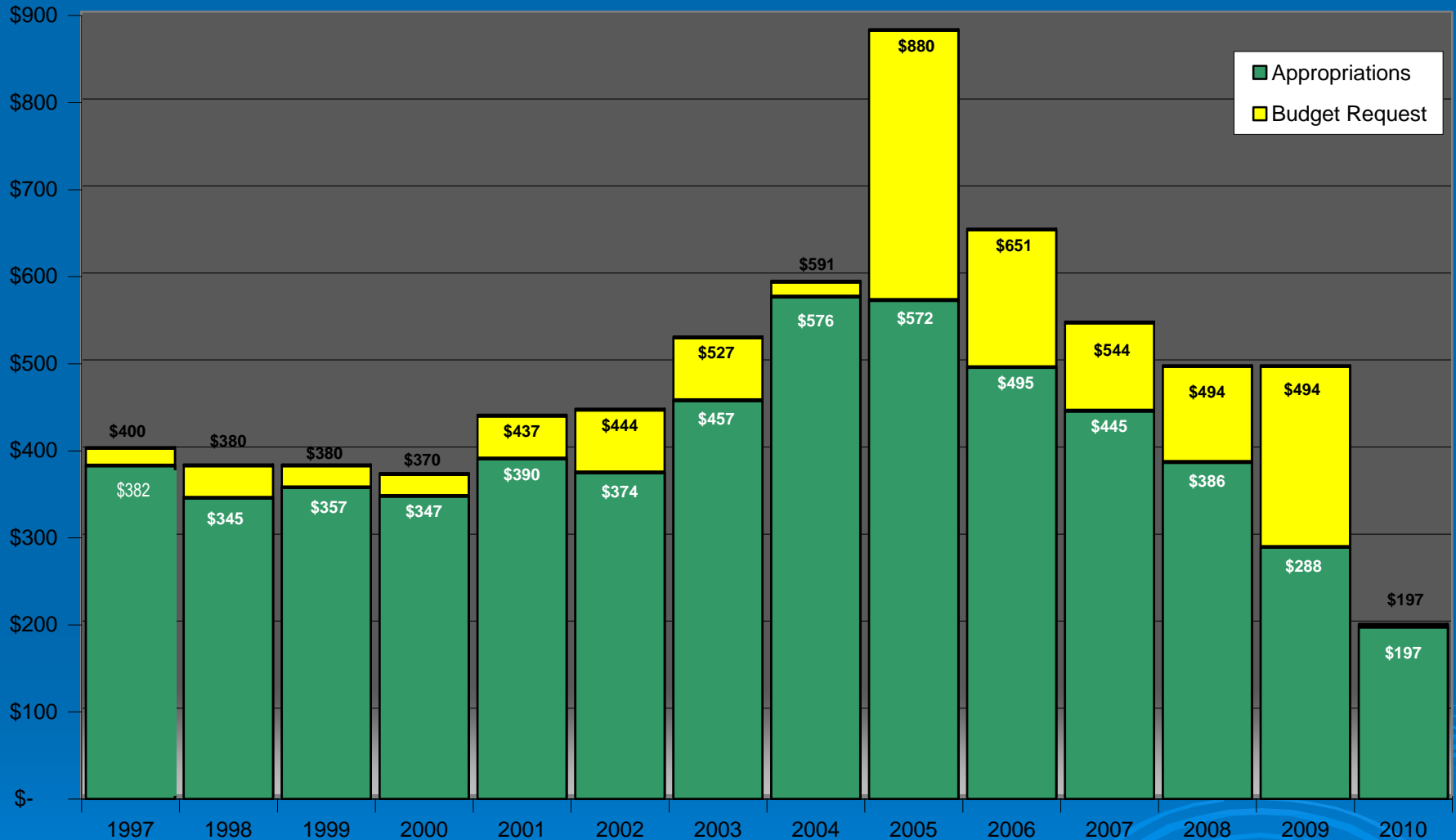


	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Budget Request	185	306	355	594	775	505	451	501	293	630	400	380	532	630
Appropriations	263	321	353	515	505	365	369	296	243	279	379	380	522	399
Shortfall	78+	15+	2	79	270	140	82	205	50	351	21	0	10	231

Office of Civilian Radioactive Waste Management ORCWM

President's Request versus Congressional Appropriations

(dollars in millions)



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Budget Request	400	380	380	370	437	444	527	591	880	651	544	494	494	197
Appropriations	382	345	357	347	390	374	457	576	572	495	445	386	288	197
Shortfall	18	35	23	23	47	70	70	15	308	156	99	108	206	0

	PROGRAM APPROPRIATIONS HISTORY (a)													
	NUCLEAR WASTE DISPOSAL AND DEFENSE NUCLEAR WASTE DISPOSAL APPROPRIATIONS (b)													
	(dollars in thousands)													
	(c) FY 1983	FY 1984	FY 1985	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	(d) FY 1996
OCRWM (By Appropriation)														
ENERGY SUPPLY R&D, CIVILIAN WASTE R&D	22,815	2,750	25,886	15,991	6,487	5,000	2,498	977	696	4,700	4,583	646	682	
NUCLEAR WASTE FUND APPROPRIATION	240,706	318,675	327,669	499,037	499,000	360,000	366,832	295,156	242,830	275,071	275,071	260,000	392,604	151,041
DEFENSE NUCLEAR WASTE APPROPRIATION											100,000	120,000	129,430	173,400
TOTAL (OCRWM)	263,521	321,425	353,555	515,028	505,487	365,000	369,330	296,133	243,526	279,771	379,654	380,646	522,716	324,441
NON-OCRWM														
NRC							15,000	49,970	19,650	19,962	21,100	22,000	22,000	11,000
NWTRB								2,000		3,294	2,060	2,160	2,664	2,531
NWN								5,959				1,000	1,000	
Total (NON-OCRWM)							15,000	57,929	19,650	23,256	23,160	25,160	25,664	13,531

	PROGRAM APPROPRIATIONS HISTORY (a)														
	NUCLEAR WASTE DISPOSAL AND DEFENSE NUCLEAR WASTE DISPOSAL APPROPRIATIONS (b)														
	(dollars in thousands)														
	FY 1997	FY 1998	FY 1999	(e) FY 2000	(f) FY 2001	(g) FY 2002	FY 2003	FY 2004	FY 2005	(h) FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY83-FY10 Total
OCRWM (By Appropriation)															
ENERGY SUPPLY R&D, CIVILIAN WASTE R&D		-304	-151												93,256
NUCLEAR WASTE FUND APPROPRIATION	182,000	156,000	168,465	235,601	190,654	94,916	144,058	188,879	343,232	99,000	99,206	187,269	145,390	98,600.0	6,836,962
DEFENSE NUCLEAR WASTE APPROPRIATION	200,000	190,000	189,000	111,574	199,725	279,795	312,952	387,699	229,152	346,500	346,500	199,171	143,000	98,600.0	3,756,498
TOTAL (OCRWM)	382,000	345,696	357,314	347,175	390,379	374,711	457,010	576,578	572,384	445,500	445,706	386,440	288,390	197,200.0	10,686,716
NON-OCRWM															
NRC	11,000	15,000	17,000	19,150	21,600	23,650	24,738	32,905	68,498	45,657	45,826	29,025	49,000		583,731
NWTRB	2,531	2,600	2,600	2,600	2,900	3,100	3,179	3,158	3,152	3,572	3,591	3,621	3,811		55,124
NWN															
Total (NON-OCRWM)	13,531	17,600	19,600	21,750	24,500	26,750	27,917	36,063	71,650	49,229	49,417	32,646	52,811	0.0	646,814

Program Appropriations History Footnotes

- (a) For fiscal years 1984 through 2010, the source for each fiscal year's budget authority is the last Congressional Budget Request (CBR) which listed the BA for that year. For example, FY 1995 BA was last listed in the FY 1997 CBR. For fiscal years 2006 and after, the source of each fiscal year's budget authority is the public law making appropriations for that fiscal year, and is updated as necessary to reflect subsequent Congressional action. All fiscal years shown reflect any rescissions made in the final appropriations bill. Fiscal Year 1983 reflects \$263,521,000 of unexpended balances available of the date of enactment of the Nuclear Waste Disposal Act that was automatically transferred to OCRWM.
- (b) This chart includes budget Authority derived from the Nuclear Waste Fund which was appropriated for nuclear waste disposal, and also appropriations for defense nuclear waste disposal. This chart also includes appropriations derived from the Nuclear Waste Fund for the Nuclear Regulatory Commission (NRC), the Nuclear Waste Technical Review Board (NWTRB), and the Nuclear Waste Negotiator (NWN). Not included are non-Program budget authority such as the \$4M appropriated from general revenues in FY 1999 to assess accelerator transmutation of waste (ATW) technology. Appropriations for OCRWM are provided with the following Congressional control points: Nuclear Waste Disposal Fund; Program Direction (through FY06); Defense Nuclear Waste Disposal (since FY93); and Energy Supply Research and Development, Civilian Waste Research and Development (FY83-FY95).
- (c) The sources of the FY 1983 funds included borrowing \$9,739,000 from other DOE appropriations (Energy Supply Research and Development, Civilian Waste Research and Development) plus \$253,782,000 in cash provided by the U.S. Treasury.
- (d) FY 1996 does not include \$85M appropriated for an Interim storage facility (ISF), but not authorized.
- (e) For FY 2000, \$239,225 of the Nuclear Waste Disposal Fund appropriation remained unobligated at the end of FY 2000 and expired.
- (f) FY 2001 includes \$10M of funds previously appropriated in FY 1996 for interim waste storage activities in Public Law 104-46 in the Defense Appropriation. The remaining \$75M from FY 1996 was rescinded.
- (g) Not included is the settlement from a lawsuit against Flour Daniel from which DOE placed new Budget Authority into the FY 2002 AFP in the amount of \$645,044 under the Nuclear Waste Fund appropriation and \$448,016 under the Defense appropriation. Also not included is the \$97,090 of funds recovered from a settlement with Jacobs Engineering which DOE placed as new Budget Authority in the FY 2002 AFP under the NWF appropriation.
- (h) Original appropriation in 2006 of \$148,500,000 included \$49,500,000 for Integrated Spent Fuel Recycling. This is not shown in the total appropriations history of \$99,000,000 million for 2006 OCRWM.

	PROGRAM SPENDING HISTORY													
	MONIES EXPENDED 1983 - 2009 (a)													
	(dollars in thousands)													
	FY 1983	FY 1984	FY 1985	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996
OCRWM														
FIRST REPOSITORY														
Basalt Project.....	42,959	60,307	76,547	104,487	128,179	61,707	8,656	4,592	1,368	909	475	221	71	3
Yucca Mountain Project.....	50,375	89,485	84,027	109,981	109,643	140,857	180,189	180,564	181,148	189,437	229,053	279,713	377,469	249,298
Salt Project.....	64,079	83,838	87,843	104,717	115,070	54,220	9,486	1,468	412	-193	525	-257	282	-155
RPT/Technical Support.....					37,404	47,667	38,072	17,855	5,743	21,335	481	108	533	-2
TOTAL, FIRST REPOSITORY.....	157,413	233,630	248,417	319,185	390,296	304,451	236,403	204,479	188,671	211,488	230,534	279,785	378,355	249,144
SECOND REPOSITORY.....	8,376	22,075	22,370	26,028	6,988	375	58						-3	5
WAST PROJECT														
MRS.....	3,723	10,436	15,339	5,925	1,384	1,364	1,566	2,109	5,459	21,336	15,385	3,698	8,152	114
Engineering Development (b).....		10,500	179	3,097	15,557	7,991	9,973	13,355	9,055	11,498	4,290	12,065	9,709	15,381
Transportation Systems.....		1,541	2,226	5,768	10,835	15,582	25,901	21,628	19,792	21,635	15,149	15,167	10,736	5,665
Waste Acceptance (c).....											6,630	3,721	4,748	4,195
Project Integration (d).....													1,785	3,611
Spent Fuel Storage.....														2,331
TOTAL, WAST PROJECT.....	3,723	22,477	17,744	14,790	27,776	24,937	37,440	37,092	34,306	54,469	41,454	34,651	35,130	31,297
PROGRAM INTEGRATION														
Quality Assurance.....						136	472	1,588	2,911	3,179	10,593	12,628	11,744	18,297
Program Management & Integration (d,e)..	8,652	36,382	54,350	64,824	74,909	69,850	80,830	57,978	71,255	66,417	79,347	70,855	71,331	34,845
Human Resources & Administration.....	147	1,108	574	584	686	275	283	7,661	5,287	10,795	28,432	27,096	31,065	10,825
TOTAL, PROGRAM INTEGRATION.....	8,799	37,490	54,924	65,408	75,595	70,261	81,585	67,227	79,453	80,391	118,372	110,579	114,140	63,967
TOTAL (OCRWM).....	178,311	315,672	343,455	425,411	500,655	400,024	355,486	308,798	302,430	346,348	390,360	425,015	527,622	344,413
OCRWM (Cost by Appropriation)														
Energy Supply R&D, Civilian Waste R&D...	18,485	17,206	13,788	18,046	9,078	7,971	3,112	2,406	819	819	853	673		
NWF Appropriation.....	178,311	275,992	316,255	398,711	469,185	382,025	369,442	305,698	302,400	315,470	271,093	284,883	381,879	195,486
Defense Appropriation (f).....											99,267	120,132	125,743	148,927
TOTAL (OCRWM).....	196,796	293,198	330,043	416,757	478,263	389,996	372,554	308,104	303,219	316,289	371,213	405,688	507,622	344,413
NON-OCRWM (g).....														
NRC Fees.....						19,932	18,674	22,870	19,650	19,692	21,100	22,000	22,000	11,000
NWTRB.....								2,000		3,564	2,060	2,160	2,664	2,531
NWN.....								5,959				1,000	1,000	
TOTAL (NON-OCRWM).....						19,932	18,674	30,829	19,650	23,256	23,160	25,160	25,664	13,531

PROGRAM SPENDING HISTORY

MONIES EXPENDED 1983 - 2009 (a)

(dollars in thousands)

					(dollars in thousands)										
	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY83 - FY09 TOTAL	
OCRWM															
FIRST REPOSITORY														0	
Basalt Project.....			-12		60									490,529	
Yucca Mountain Project.....	274,625	341,300	296,542	320,504	328,438	317,645	349,571	420,496	366,095	314,859	395,101	301,658	154,208	6,632,281	
Salt Project.....	27	-238	-73	230			-72	-44	-1					521,164	
RPT/Technical Support.....			17		4		-100	-23						169,094	
TOTAL, FIRST REPOSITORY.....	274,652	341,062	296,474	320,734	328,502	317,645	349,399	420,429	366,094	314,859	395,101	301,658	154,208	7,813,068	
SECOND REPOSITORY.....														0	
WAST PROJECT														86,272	
MRS.....			-11									-3		0	
Engineering Development (b).....	2,641	1,828	-4	-18	10									95,976	
Transportation Systems.....	3,317	2,114	267	-35	114	1,143	4,185	20,411	43,610	38,535	44,643	19,893	3,690	127,107	
Waste Acceptance (c).....	675	738	972	1,116	1,178	925	504					0	455	353,512	
Project Integration (d).....	1,033	1,752	626	1,003	843	972	3,234	6,990	7,549	8,890		-27		25,857	
Spent Fuel Storage.....	3,318	1,588	-187	174	35									38,261	
TOTAL, WAST PROJECT.....	10,984	8,020	1,663	2,240	2,180	3,040	7,923	27,401	51,159	47,425	44,643	19,863	4,145	7,259	
PROGRAM INTEGRATION														647,972	
Quality Assurance.....	15,478	10,670	10,513	11,006	12,433	11,601	13,333	15,540	14,425	12,915	10,871	12,110	5,935	0	
Program Management & Integration (d,e)...	31,037	33,314	29,791	30,193	31,679	32,720	37,336	52,633	75,851	53,677	40,191	25,808	8,073	218,378	
Human Resources & Administration.....	9,344	10,240	7,347	8,996	9,510	9,600	9,706	9,476	7,736	23,464	53,597	53,781	55,696	1,324,128	
TOTAL, PROGRAM INTEGRATION.....	55,859	54,224	47,651	50,195	53,622	53,921	60,375	77,649	98,012	90,056	104,659	91,699	69,704	393,311	
TOTAL (OCRWM).....	341,495	403,306	345,788	373,169	384,304	374,606	417,697	525,479	515,265	452,340	544,403	413,220	228,057	1,935,817	
OCRWM (Cost by Appropriation)														0	
Energy Supply R&D, Civilian Waste R&D...														0	
NWF Appropriation.....	143,264	193,837	155,196	267,360	174,724	93,698	126,118	156,563	252,131	153,072	176,290	192,914	143,025	93,256	
Defense Appropriation (f).....	194,189	207,969	190,593	105,809	209,580	280,907	291,579	368,916	263,134	309,544	358,123	220,306	132,369	6,675,022	
TOTAL (OCRWM).....	337,453	401,806	345,789	373,169	384,304	374,605	417,697	525,479	515,265	462,616	534,413	413,220	275,394	3,627,087	
NON-OCRWM (g).....														0	
NRC Fees.....	11,000	15,000	17,000	19,150	21,600	23,650	24,738	32,905	68,498	45,657	45,826	29,025	49,000	0	
NWTRB.....	2,531	2,600	2,600	2,600	2,900	3,100	3,179	3,158	3,152	3,572	3,591	3,621	3,811	579,967	
NWN.....														55,394	
TOTAL (NON-OCRWM).....	13,531	17,600	19,600	21,750	24,500	26,750	27,917	36,063	71,650	49,229	49,417	32,646	52,811	7,959	

Program Spending History Footnotes

Note: Each cost entry is rounded to the nearest thousand dollars. Rows and columns may not add due to this independent rounding

- (a) All OCRWM cost categories are OCRWM baseline projects except for First Repository, Program Integration, and the subdivisions of the WAST Project. OCRWM costs are from end-of-year Financial Information Systems reports. Cost data is based on historical information derived from DOE financial Information systems (FIS-MARS-STARs).
- (b) Total historical NWF FY1983-2009 appropriations are \$2.56M higher than the actual appropriations due to various rescissions after the original appropriation year. Total historical defense appropriation is \$1.89M higher than actual appropriation due to various rescissions after the original appropriation year
- (a) Engineering Development costs include MPC development from FY 1993 through FY 1999.
- (b) Waste Acceptance costs prior to FY 1993 and after FY 2003 are included in Program Management and Integration
- (c) MRS Project Support costs are in Program Management and Integration in FYs 1993, 1994, and 1996; and in WAST Project Integration in FY 1995.
- (d) Includes Debt Service from FY 1983 to FY 1985 of \$3.316M, \$4.472M, and \$2.512M, respectively. Does not include FY 1988 and FY 1989 NRC fees costs of \$38,606,205 recorded in FIS in FY 1989.
- (e) Does not include costs from the \$5M in FY 1991, and \$7.5M in FY 1992, deposited into the Nuclear Waste Fund by the Defense Environmental Restoration and Waste Management Program for the defense high-level waste disposal fee.
- (f) Non-OCRWM costs before FY 1990 are NRC reported costs. Costs shown from FY 1991 through present represent appropriations.

- **Affected Units of Local Government^ - Oversight**
 - Initiated: 1989
 - Total to Date (actual): \$119,923,319
- **State of Nevada – Oversight**
 - Initiated: 1983
 - Total to Date (actual): \$97,616,609
- **Payments Equal to Taxes**
 - Initiated: 1983
 - Total to Date (actual): \$146,991,657
- **Nevada System of Higher Education**
 - Initiated: 1984
 - Total to Date (actual): \$124,046,990
- **Clark County , NV Transportation Grant**
 - Initiated: 2004
 - Total to Date (actual): \$2,000,000
- **Inyo County, CA (Death Valley Regional Ground Water Monitoring Program**
 - Initiated: 2002
 - Total to Date (actual): \$4,450,000
- **Nye County, NV Science & Verification Program**
 - Initiated: 1996
 - Total to Date (actual): \$31,416,868
- **Nye County, NV Cooperative Agreement**
 - Initiated: 2004
 - Total to Date (actual): \$430,000

Total Funding to AULGs, the State of Nevada, affected Tribes, the Nevada System of Higher Education, and other financial and technical assistance since 1983: \$526,875,443.

*The AULGs are the ten counties designated “affected” by the Secretary of Energy in accordance with the Nuclear Waste Policy Act.